

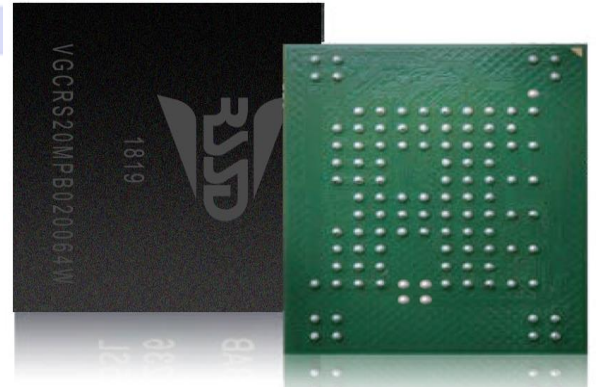
rSSD SATA3

On-Chip Storage



RunCore rSSD RC0 series solid state drive compliant with Serial ATA Revision 2.6 and 3.1 specification and compatible with 3.0Gbps and 1.5Gbps interface rate. The rSSD family extends's portfolio of high-performance, fully-integrated embedded solid-state drives. Using creative revolution technology for MCP (Multi Chip Package) SSD, the rSSD family can provide your amazing SSD feature. Extremely small form factor chip size, super lower power consumption, high reliability and endure serious bad environment, fully integration, embedded SSD Solution.

The product supports main- stream OS, such as Windows\MAC\Linux\Unix\Solaris\Vxworks. It is widely used in the IPC, embedded computer, video monitor, vehicle system and medical equipment.



rSSD SATA3

- Form Factor: BGA104 SIP chip
- Supports SATA III Standard Protocol, compatible with SATA II, SATA I
- Capacity:
 - pSLC: 32GB (max)
 - MLC: 64GB
 - TLC: 256GB (max)
- Performance:
 - 4KB Random Read 50K IOPS
 - 4KB Random Write 25K IOPS
 - Sequential Write 560MB/s(max)
 - Sequential Write 450MB/s (max)
- Operating Temperature:
 - -40°C to +85°C
 - 0°C to +70°C
- Power Supply:
 - 3.3V, power consumption 1.6W (max)
- Physical Features:
 - Dimension 14mmx 18mmx1.8mm
 - Weight ≤ 1g
- Data Security:
 - With conformal coating
 - Supports ATA command data erasure
 - Supports one-key data erasure (GPIO external pin)
 - Supports power failure protection
- Standard Compliance/ Support:
 - MIL-STD-810
 - SATA IO
 - JEDEC Endurance